



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 11341355
SAU: Portland Public Schools
School: Lyman Moore Middle School

Contents of the Report

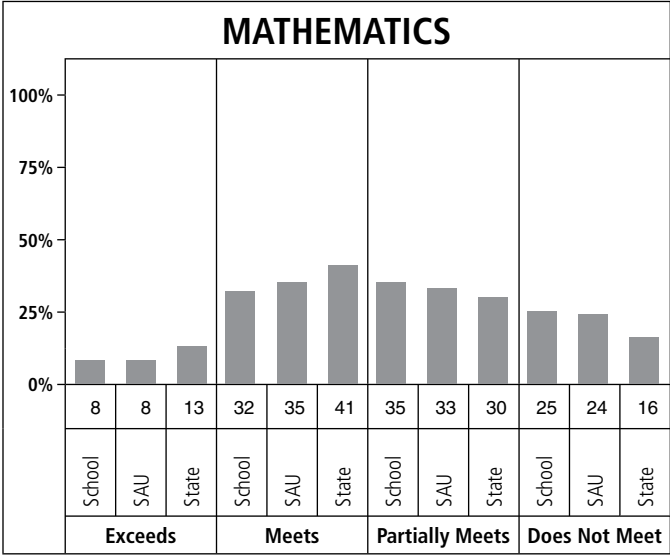
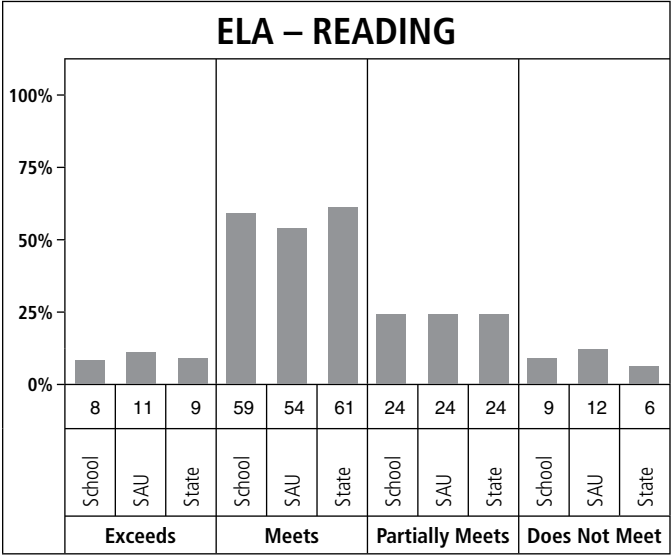
The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: Portland Public Schools
School: Lyman Moore Middle School

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	645	645	646
2007–2008	646	649	648
2008–2009	646	646	647
Cum. Avg.*	646	647	647
Mathematics			
2006–2007	643	642	643
2007–2008	639	642	642
2008–2009	637	638	643
Cum. Avg.*	640	641	643



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: Portland Public Schools
School: Lyman Moore Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	189	100	512	100	14251	100	188	99	506	99	14150	99	187	99	508	99	14156	100						
Ethnicity African American/Black	28	15	110	21	421	3	27	96	107	97	412	98	27	96	109	99	415	99						
American Indian or Native Alaskan	0	0	4	1	128	1	0	0	4	100	127	99	0	0	4	100	128	100						
Asian or Pacific Islander	12	6	45	9	212	1	12	100	45	100	210	99	12	100	45	100	212	100						
Hispanic	7	4	32	6	181	1	7	100	32	100	177	98	7	100	32	100	178	99						
Caucasian/White	142	75	321	63	13309	93	142	100	318	99	13224	100	141	99	318	99	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	40	21	85	17	2468	17	40	100	84	99	2423	99	40	100	85	100	2426	99						
Current LEP	30	16	125	24	341	2	29	97	122	98	330	97	29	97	124	99	338	99						
Economically disadvantaged	81	43	253	49	5780	41	80	99	248	98	5724	99	79	98	250	99	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	158	84	339	66	11369	80	157	83	340	66	11373	80						
Identified disability (PET/IEP)	11	7	21	6	355	3	11	7	23	7	371	3						
LEP	25	16	49	14	167	1	25	16	49	14	170	1						
504 plan	0	0	0	0	172	2	0	0	0	0	175	2						
Participation with accommodations	27	14	156	30	2594	18	27	14	157	31	2605	18						
Identified disability (PET/IEP)	26	96	52	33	1881	73	26	96	51	32	1877	72						
LEP	3	11	69	44	155	6	3	11	71	45	161	6						
504 plan	0	0	1	1	74	3	0	0	1	1	71	3						
Other	0	0	40	26	519	20	0	0	40	25	532	20						
Participation through alternate assessment (PAAP)	3	2	11	2	187	1	3	2	11	2	178	1						
Identified disability (PET/IEP)	3	100	11	100	187	100	3	100	11	100	178	100						
LEP	1	33	4	36	8	4	1	33	4	36	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	1	0	26	0	0	0	1	0	25	0						
Non-participation – other	1	1	5	1	75	1	2	1	3	1	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2009
Grade:	6
SAU:	Portland Public Schools
School:	Lyman Moore Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	11	7	45	10	1132	8
	2007-2008	22	13	104	22	1817	13
	2008-2009	14	8	53	11	1309	9
	Cum. Total*	47	9	202	14	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	92	57	233	52	8127	57
	2007-2008	89	52	234	49	8072	57
	2008-2009	110	59	265	54	8564	61
	Cum. Total*	291	56	732	51	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	39	24	115	26	3549	25
	2007-2008	41	24	102	21	3194	23
	2008-2009	45	24	118	24	3291	24
	Cum. Total*	125	24	335	23	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	19	12	57	13	1478	10
	2007-2008	19	11	41	9	981	7
	2008-2009	16	9	59	12	799	6
	Cum. Total*	54	10	157	11	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.6	58.2	32.3	57.7	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.3	56.5	11.2	56.0	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.3	59.2	21.1	58.6	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Portland Public Schools
 School: Lyman Moore Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	185	14	8	110	59	45	24	16	9	646	495	11	54	24	12	646	13963	9	61	24	6	647
Ethnicity																						
African American/Black	27	1	4	11	41	9	33	6	22	639	104	3	37	32	29	637	403	5	46	34	15	641
American Indian or Native Alaskan	0										4						125	4	49	38	10	642
Asian or Pacific Islander	12	1	8	8	67	3	25	0	0	650	44	11	43	32	14	644	206	18	56	20	6	649
Hispanic	6	0	0	1	17	3	50	2	33	633	30	0	50	40	10	640	174	5	55	33	7	644
Caucasian/White	140	12	9	90	64	30	21	8	6	647	313	14	61	19	6	649	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	37	1	3	8	22	18	49	10	27	636	73	1	23	45	30	635	2236	1	30	48	22	637
No	148	13	9	102	69	27	18	6	4	648	422	12	59	20	9	647	11727	11	67	19	3	649
Current LEP																						
Yes	28	0	0	11	39	12	43	5	18	638	118	1	31	38	30	635	322	2	39	37	21	638
No	157	14	9	99	63	33	21	11	7	647	377	14	60	19	6	649	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	78	2	3	33	42	32	41	11	14	640	240	3	42	34	21	639	5617	4	54	33	9	643
No	107	12	11	77	72	13	12	5	5	650	255	18	65	14	4	652	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	185	14	8	110	59	45	24	16	9	646	495	11	54	24	12	646	13959	9	61	24	6	647
Gender																						
Female	95	10	11	61	64	16	17	8	8	647	245	15	59	17	9	649	6743	13	63	20	4	649
Male	90	4	4	49	54	29	32	8	9	644	250	6	48	31	14	643	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	49	2	4	22	45	16	33	9	18	641	260	13	46	24	17	644	1408	4	41	43	12	641
No	136	12	9	88	65	29	21	7	5	648	235	8	62	23	7	647	12555	10	64	21	5	648
Gifted/talented program																						
Yes	7	3	43	4	57	0	0	0	0	661	21	52	48	0	0	664	636	39	59	2	0	659
No	178	11	6	106	60	45	25	16	9	645	474	9	54	25	12	645	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 6
 SAU: Portland Public Schools
 School: Lyman Moore Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	3	43	3	43	1	14	641	3	7	20	33	40	634	6	5	47	32	16	642
B. less than one hour	68	12	10	81	65	19	15	12	10	647	53	12	54	20	13	646	59	9	62	24	5	647
C. one to two hours	25	2	4	23	50	20	43	1	2	644	41	10	55	28	6	646	32	11	64	21	4	648
D. more than two hours	3	0	0	3	50	1	17	2	33	640	3	0	54	8	38	637	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	34	8	13	43	69	9	15	2	3	651	34	19	57	16	7	650	31	17	66	14	3	651
B. good	55	6	6	59	58	25	25	11	11	644	53	9	54	25	12	645	48	8	64	23	5	647
C. fair	10	0	0	8	42	8	42	3	16	638	12	0	45	33	22	639	18	2	48	40	10	641
D. poor	1	0	0	0	0	1	100	0	0	640	1	0	17	50	33	633	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	38	9	13	43	62	13	19	4	6	649	34	16	59	17	7	649	38	13	65	18	3	650
B. They match some of what I have learned.	54	3	3	62	63	26	27	7	7	645	52	9	58	25	9	646	49	8	63	24	5	647
C. They match just a little of what I have learned.	7	1	8	5	42	4	33	2	17	642	10	4	34	36	26	638	10	5	48	36	11	642
D. There is no match.	2	0	0	0	0	0	0	3	100	620	4	0	10	35	55	628	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	16	2	7	12	41	9	31	6	21	642	21	9	38	29	25	641	16	7	52	30	11	644
B. about the same as my regular schoolwork	68	11	9	75	62	28	23	7	6	647	63	12	56	25	8	647	66	10	64	22	4	648
C. easier than my regular schoolwork	16	0	0	21	72	5	17	3	10	646	16	10	65	14	10	648	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	1	5	4	20	9	45	6	30	636	13	3	25	39	33	635	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	56	3	3	65	64	25	25	8	8	645	54	7	59	25	8	645	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	33	9	15	40	68	9	15	1	2	651	32	21	58	14	7	651	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	42	5	7	45	59	20	26	6	8	646	45	12	51	25	12	645	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	54	8	8	60	61	22	22	9	9	646	51	10	57	22	10	647	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	5	71	1	14	1	14	643	4	0	50	22	28	637	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	20	5	14	18	50	8	22	5	14	646	27	16	52	20	12	647	23	15	65	16	4	650
B. 20 minutes to an hour	58	9	8	70	65	20	19	8	7	647	56	11	60	21	8	647	49	10	64	22	4	648
C. less than 20 minutes	9	0	0	11	65	6	35	0	0	646	7	3	47	31	19	641	11	6	58	29	7	645
D. I rarely read at home.	13	0	0	11	48	9	39	3	13	642	10	2	31	39	27	637	17	2	51	36	11	642
Optional school/SAU question																						
A.	50	0	0	1	50	0	0	1	50	629	23	0	17	33	50	630						
B.	25	0	0	1	100	0	0	0	0	644	46	0	17	33	50	629						
C.	25	0	0	0	0	1	100	0	0	632	15	0	25	50	25	635						
D.	0										15	0	25	50	25	637						

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	6
SAU:	Portland Public Schools
School:	Lyman Moore Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	28	17	57	13	2092	15
	2007-2008	13	8	60	12	1474	10
	2008-2009	15	8	39	8	1807	13
	Cum. Total*	56	11	156	11	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	53	33	176	39	5731	40
	2007-2008	67	39	195	40	6008	43
	2008-2009	58	32	174	35	5662	41
	Cum. Total*	178	34	545	38	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	51	32	134	29	4175	29
	2007-2008	48	28	127	26	4244	30
	2008-2009	65	35	165	33	4219	30
	Cum. Total*	164	32	426	30	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	29	18	89	20	2308	16
	2007-2008	43	25	106	22	2346	17
	2008-2009	46	25	119	24	2290	16
	Cum. Total*	118	23	314	22	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	26.5	47.3	27.3	48.8	30.6	54.6
A. Number	18	32	8.5	47.2	8.7	48.3	10.3	57.2
B. Data	12	21	6.0	50.0	6.0	50.0	6.6	55.0
C. Geometry	14	25	6.5	46.4	6.9	49.3	7.3	52.1
D. Algebra	12	21	5.6	46.7	5.7	47.5	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Portland Public Schools
 School: Lyman Moore Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	184	15	8	58	32	65	35	46	25	637	497	8	35	33	24	638	13978	13	41	30	16	643
Ethnicity																						
African American/Black	27	1	4	5	19	8	30	13	48	629	106	1	24	34	42	630	406	4	26	36	34	633
American Indian or Native Alaskan	0										4						126	4	29	40	28	635
Asian or Pacific Islander	12	1	8	5	42	5	42	1	8	641	44	7	39	30	25	638	208	18	47	23	12	647
Hispanic	6	0	0	1	17	1	17	4	67	626	30	0	17	57	27	634	175	5	31	41	23	638
Caucasian/White	139	13	9	47	34	51	37	28	20	639	313	11	40	31	17	641	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	37	1	3	4	11	13	35	19	51	626	74	1	12	31	55	625	2248	3	18	33	46	629
No	147	14	10	54	37	52	35	27	18	640	423	9	39	34	18	640	11730	15	45	30	11	646
Current LEP																						
Yes	28	0	0	3	11	10	36	15	54	625	120	1	16	38	46	628	331	3	22	35	40	631
No	156	15	10	55	35	55	35	31	20	639	377	10	41	32	17	641	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	77	4	5	16	21	27	35	30	39	631	242	3	24	36	37	632	5620	6	33	37	25	637
No	107	11	10	42	39	38	36	16	15	642	255	12	46	30	12	644	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	184	15	8	58	32	65	35	46	25	637	497	8	35	33	24	638	13974	13	41	30	16	643
Gender																						
Female	95	5	5	31	33	34	36	25	26	637	247	6	37	36	22	638	6738	12	40	32	16	642
Male	89	10	11	27	30	31	35	21	24	638	250	10	33	31	26	638	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	49	0	0	11	22	18	37	20	41	629	262	6	34	32	27	637	1410	3	24	41	32	634
No	135	15	11	47	35	47	35	26	19	640	235	10	36	34	20	640	12568	14	42	29	15	644
Gifted/talented program																						
Yes	7	7	100	0	0	0	0	0	0	670	21	71	29	0	0	668	637	65	32	3	0	665
No	177	8	5	58	33	65	37	46	26	636	476	5	35	35	25	637	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 6
 SAU: Portland Public Schools
 School: Lyman Moore Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights?																						
A. none	4	0	0	3	43	1	14	3	43	633	3	0	33	13	53	629	6	7	32	28	32	636
B. less than one hour	68	13	10	42	34	45	36	24	19	639	53	10	34	35	20	639	59	13	41	30	16	643
C. one to two hours	25	2	4	12	26	16	35	16	35	634	41	6	37	32	25	638	32	14	41	31	14	644
D. more than two hours	3	0	0	1	17	3	50	2	33	631	3	0	23	38	38	631	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	36	15	23	25	38	20	30	6	9	647	31	20	45	23	13	646	30	27	45	18	9	651
B. good	45	0	0	25	31	30	37	26	32	633	47	3	36	35	26	636	46	9	45	31	15	643
C. fair	19	0	0	8	24	14	41	12	35	631	19	0	23	45	32	632	20	2	29	43	26	635
D. poor	1	0	0	0	0	0	0	1	100	622	3	7	7	33	53	625	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	24	5	11	18	41	7	16	14	32	638	26	9	38	29	23	640	35	18	42	27	13	646
B. They match some of what I have learned.	57	8	8	31	30	45	43	20	19	638	56	8	36	36	20	639	50	11	43	31	15	643
C. They match just a little of what I have learned.	18	2	6	9	27	12	36	10	30	635	15	5	32	31	31	634	13	8	31	36	26	638
D. There is no match.	1	0	0	0	0	0	0	1	100	624	3	0	8	23	69	622	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	40	3	4	19	26	31	42	20	27	634	42	5	33	38	23	637	32	7	40	34	20	640
B. about the same as my regular schoolwork	52	9	9	33	35	30	32	23	24	638	51	9	37	30	24	638	56	13	42	30	15	644
C. easier than my regular schoolwork	7	3	23	6	46	3	23	1	8	649	7	21	38	24	18	644	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	7	8	28	33	31	36	19	22	637	49	8	35	35	23	638	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	50	7	8	30	33	32	36	21	23	638	45	9	38	32	21	640	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	3	1	17	0	0	1	17	4	67	626	6	7	22	30	41	631	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	8	0	0	3	21	5	36	6	43	629	8	0	22	34	44	629	6	8	29	29	34	635
B. 30–45 minutes	43	6	8	21	27	27	35	24	31	635	36	7	30	31	31	635	33	10	37	34	19	641
C. 45–60 minutes	45	9	11	33	41	26	32	13	16	642	48	11	43	31	15	642	45	15	44	29	12	645
D. more than 60 minutes	5	0	0	1	11	6	67	2	22	633	7	3	25	50	22	637	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	7	0	0	1	8	6	50	5	42	629	10	8	31	35	25	638	9	14	35	29	22	641
B. two or three days a week	31	2	4	20	36	19	34	15	27	636	27	5	34	34	27	637	26	15	40	30	16	644
C. two or three times each month	36	3	5	25	38	22	34	15	23	637	34	7	43	34	17	640	31	13	43	30	14	644
D. never or almost never	27	10	20	12	24	17	35	10	20	641	29	13	28	30	28	638	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	14	0	0	6	24	9	36	10	40	630	19	1	29	35	34	633	17	8	35	33	24	639
B. two or three days a week	32	6	11	17	30	17	30	17	30	637	36	10	36	32	23	640	28	13	42	30	15	643
C. two or three times each month	44	6	8	32	41	28	36	12	15	640	32	10	42	32	16	641	31	15	43	30	13	645
D. never or almost never	11	3	16	3	16	8	42	5	26	639	12	10	25	33	32	636	23	14	39	30	17	643
Optional school/SAU question																						
A.	50	0	0	0	0	2	100	0	0	634	23	0	17	50	33	633						
B.	25	0	0	0	0	1	100	0	0	632	46	0	17	33	50	625						
C.	25	0	0	0	0	0	0	1	100	600	15	0	25	0	75	619						
D.	0										15	0	25	0	75	618						

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